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Abstract

INFORMATION DERIVED FROM FRENCH STUDIES AND ACHIEVEMENTS IN THE FIELD OF URANIUM ISOTOPE SEPARATION

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The work carried out in the field of uranium isotope separation, by gaseous diffusion and by ultracentrifugation, is reviewed. An economic estimate of the various parameters involved in the cost is given, and it is shown that only very large gaseous diffusion plants, corresponding to a programme of enriched uranium reactors of at least 4000 MWe to be installed yearly, can give an economically acceptable enriched uranium production.

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